

LISTING OF CLAIMS:

1. (Original) A flow detector comprising a path block body forming a given path and having a flow sensor interposed in said path, and a circuit board surmounted by an electric circuit that measures a flow rate of a fluid running through said path by using said flow sensor, said flow detector being constructed so that said path block body and said circuit board are accommodated in a rectangular parallelepiped or cubic housing, wherein:

an indicator and an operation switch are provided in a front surface portion of said housing that is exposed to a front surface of a given panel when fixed to said panel;

an inlet and an outlet of said path are provided in a back surface portion of said housing; and

a terminal for external connection of said circuit board is provided in the back surface portion of said housing.

2. (Original) The flow detector according to claim 1, wherein:

said path block body forms a U-shaped path by arranging the inlet and the outlet of said path to face in the same direction; and

said circuit board is installed virtually parallel to a side face of said path block body along with said U-shaped path, and is provided with a multiway connector for external connection in an end portion positioned alongside said inlet and said outlet of

said path.

3. (Currently amended) The flow detector according to ~~either one of claims 1 and 2~~ claim 1, wherein:

 said path is provided with a flow-regulating valve that regulates the flow rate of the fluid running through said path.

4. (Currently amended) The flow detector according to ~~any one of claims 1 to 3~~ claim 1, wherein:

 there is provided a water-absorbing sheet around the inlet and the outlet of said path disposed in the back surface portion of said housing.

5. (new) The flow detector according to claim 2, wherein:

 there is provided a water-absorbing sheet around the inlet and the outlet of said path disposed in the back surface portion of said housing.

6. (new) The flow detector according to claim 3, wherein:

 there is provided a water-absorbing sheet around the inlet and the outlet of said path disposed in the back surface portion of said housing.

7. (new) The flow detector according to claim 2, wherein:

 said path is provided with a flow-regulating valve that regulates the flow rate of the fluid running through said path.

8. (new) The flow detector according to claim 7, wherein:
there is provided a water-absorbing sheet around the inlet
and the outlet of said path disposed in the back surface portion
of said housing.